

FIG. 1A
PRIOR ART

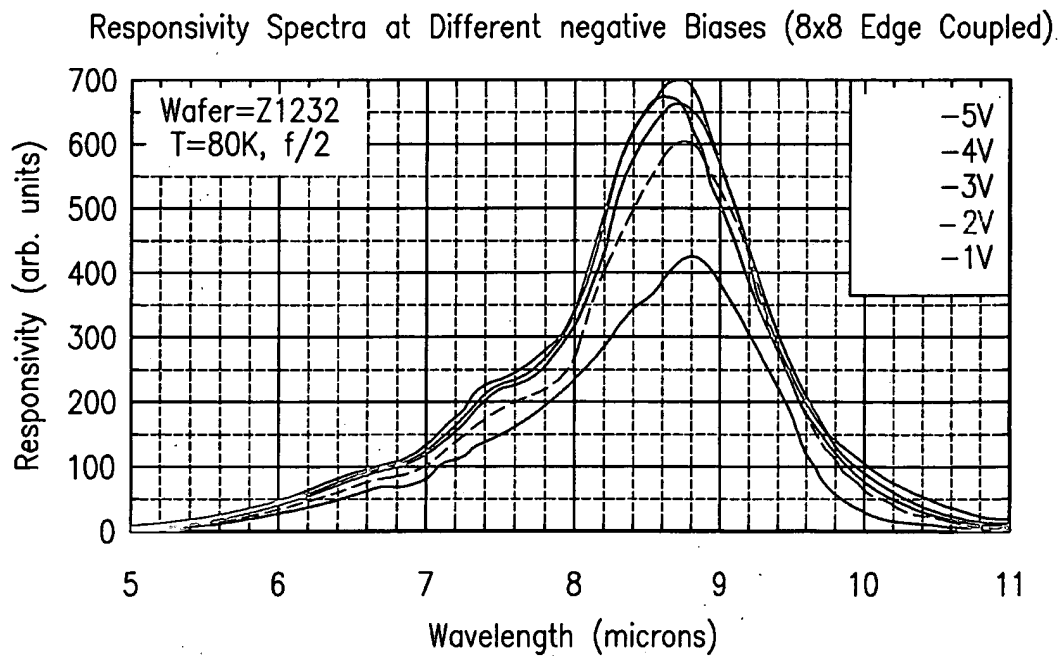


FIG. 1B
PRIOR ART

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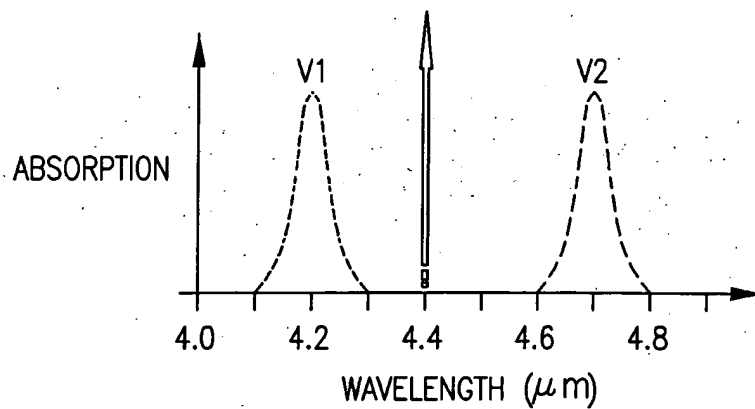


FIG. 2

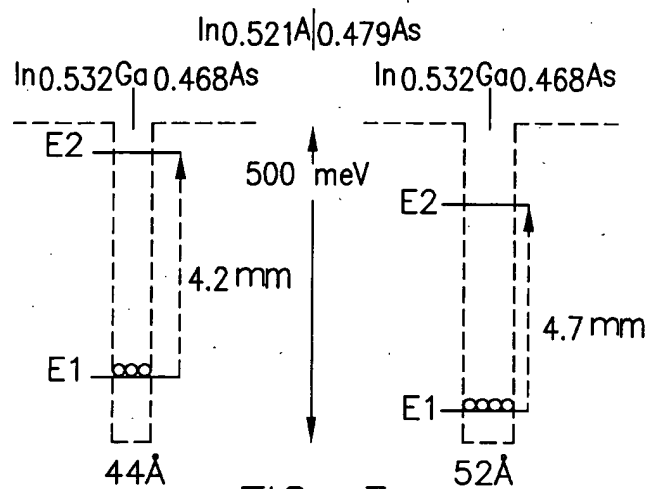


FIG. 3

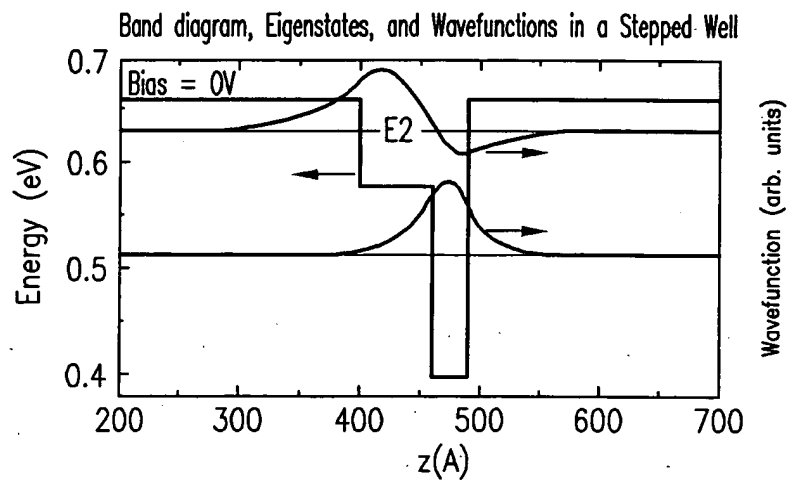
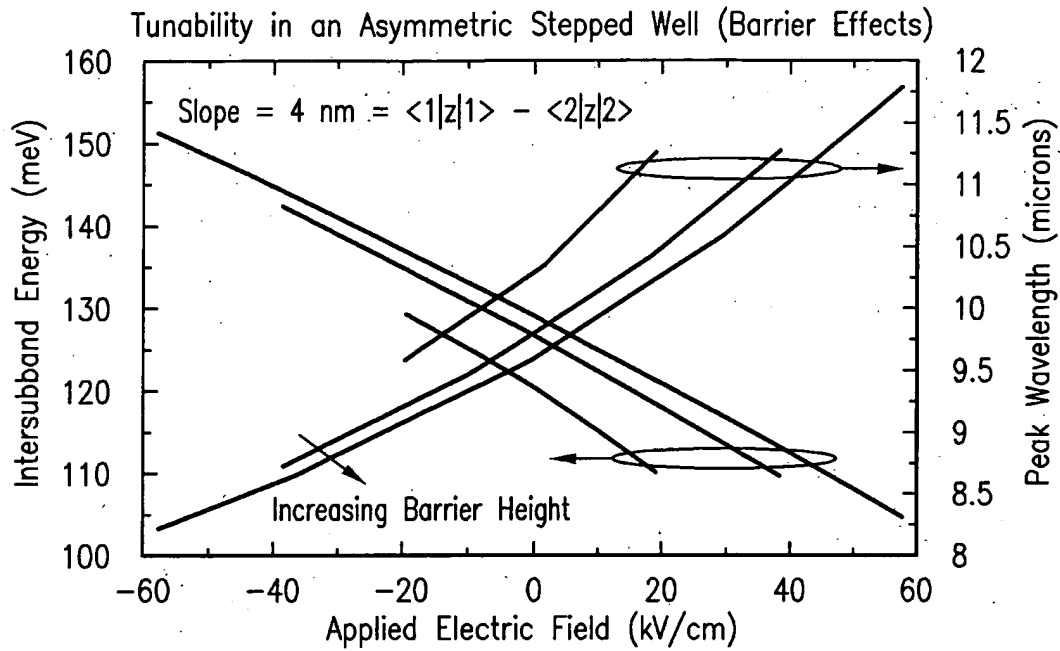
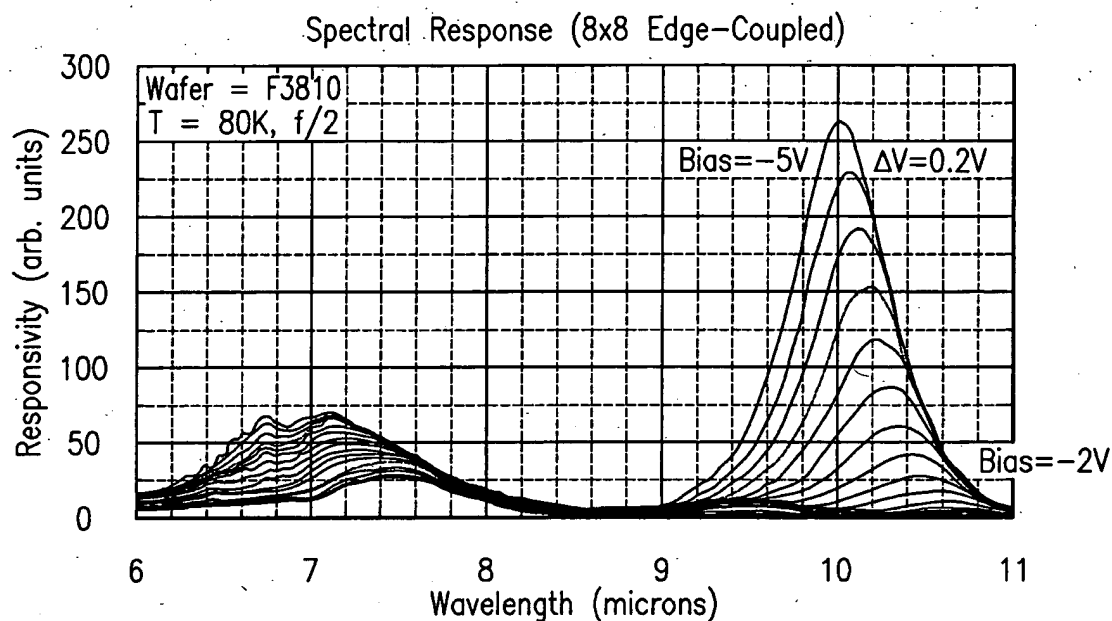
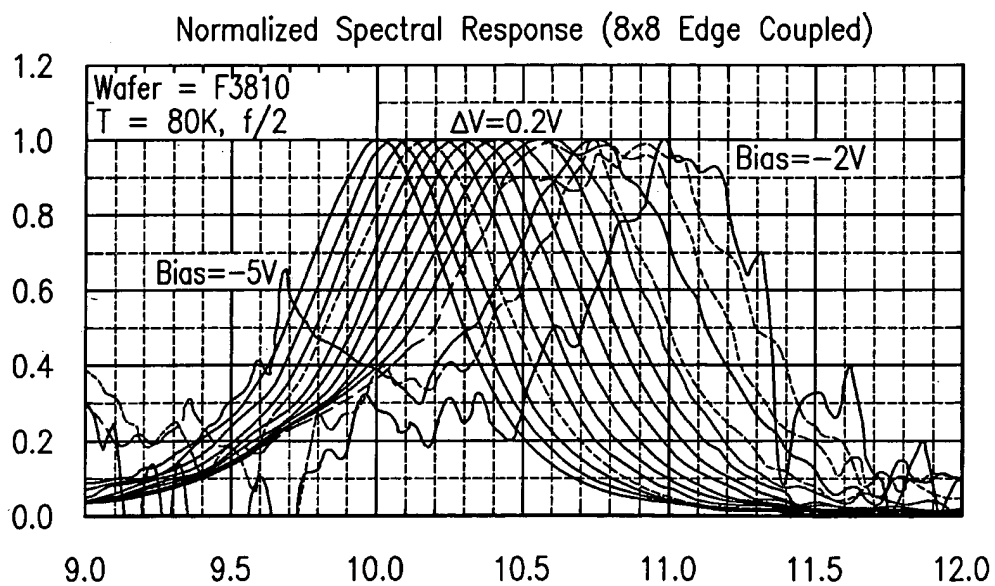


FIG. 4A

FIG. 4B

FIG. 5AFIG. 5B

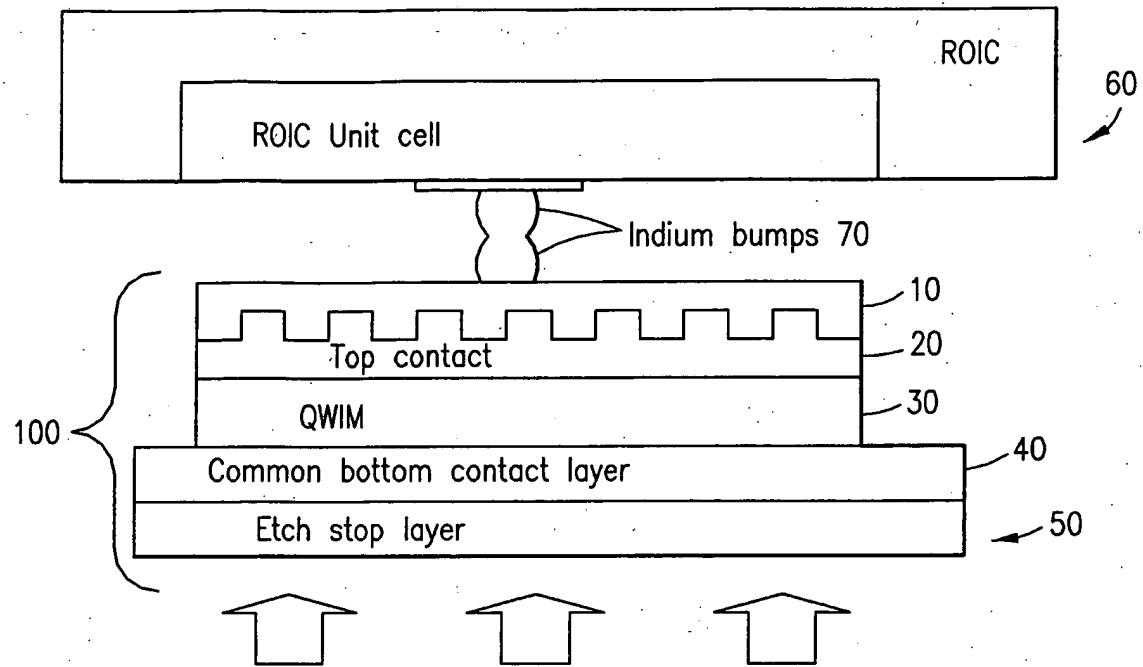
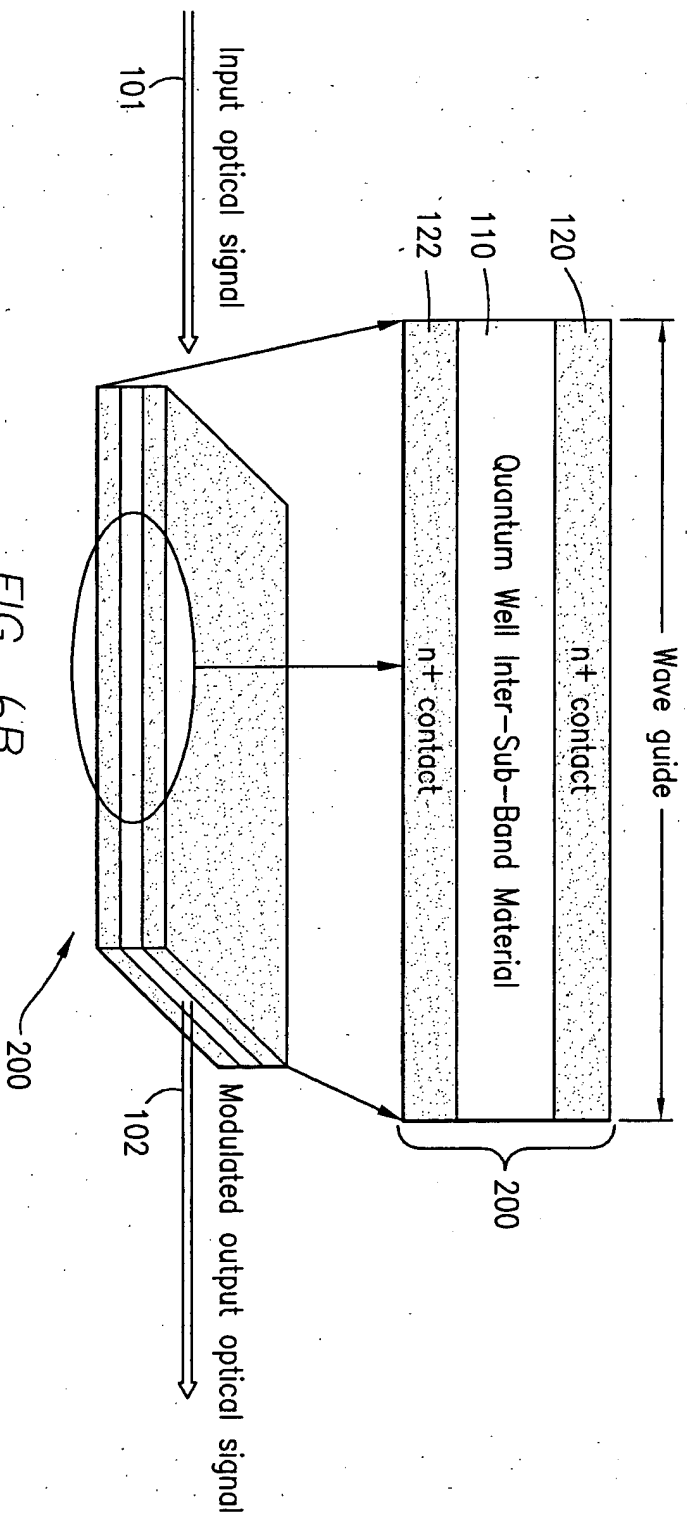


FIG. 6A

Wave Guide Configuration for Modulator

FIG. 6B

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Linear Array of N QW Infrared Modulators

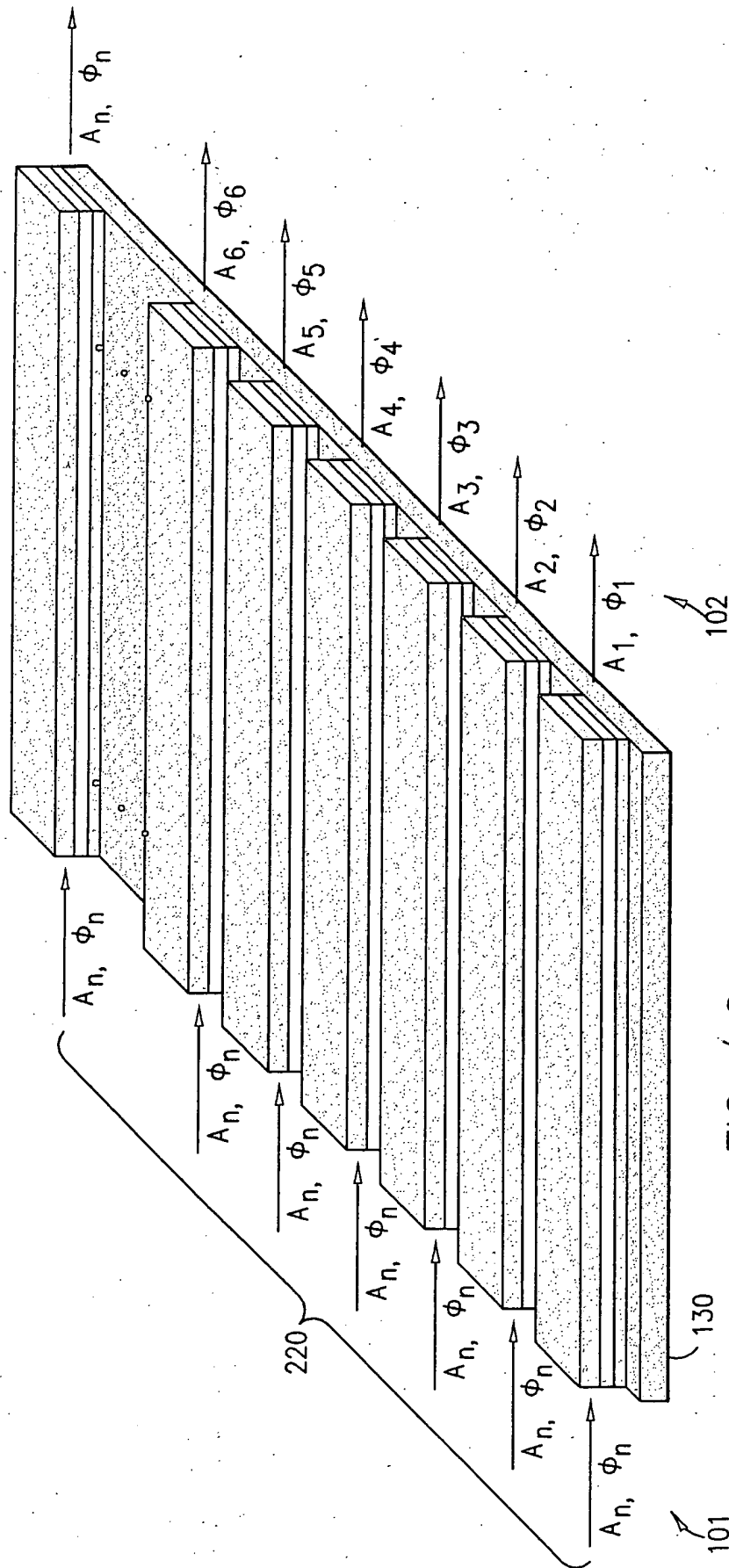


FIG. 6C

